

FIG. 1

100

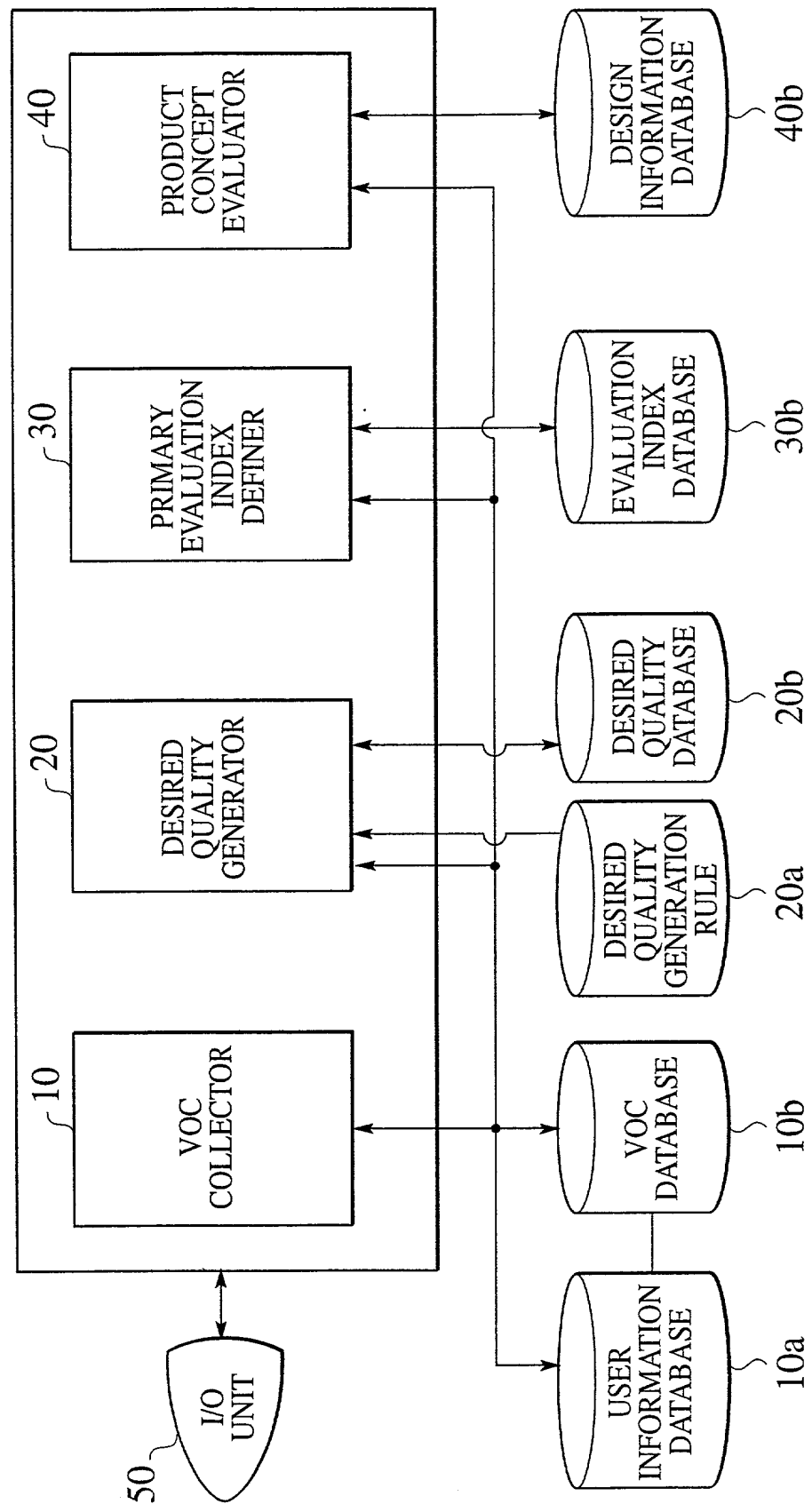


FIG.2

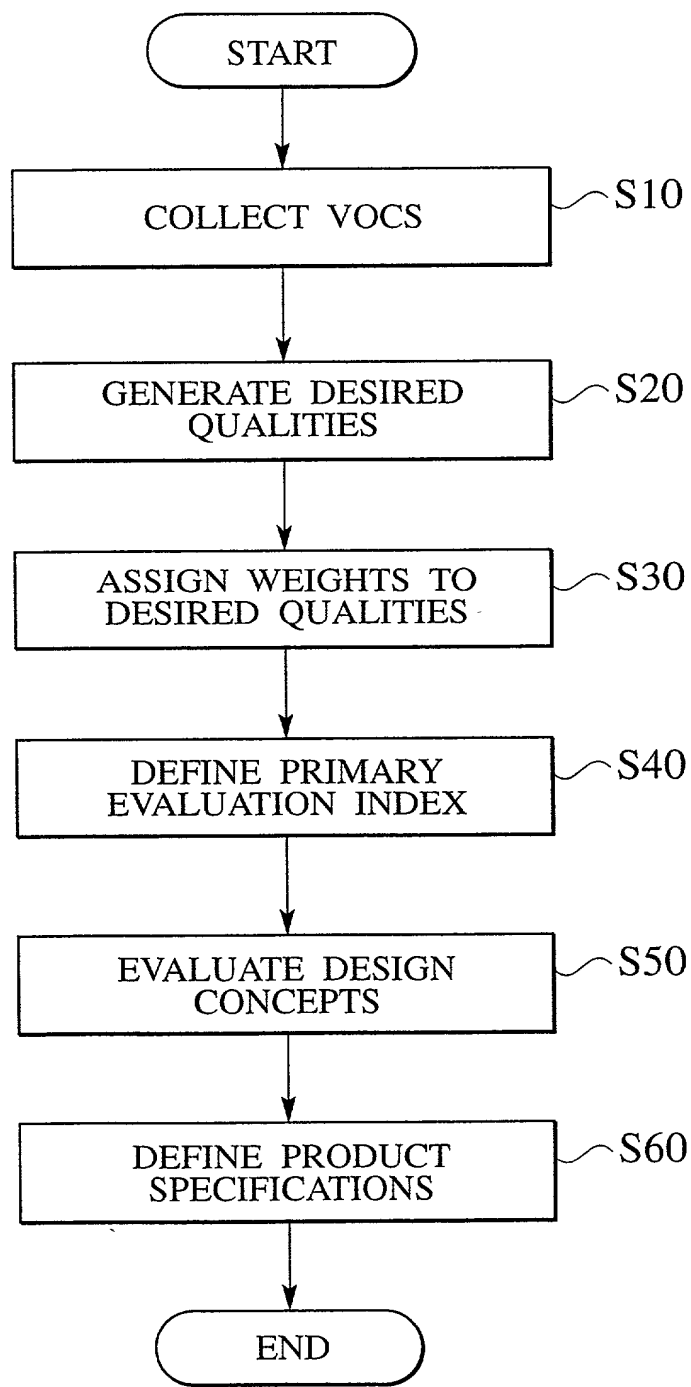


FIG.3

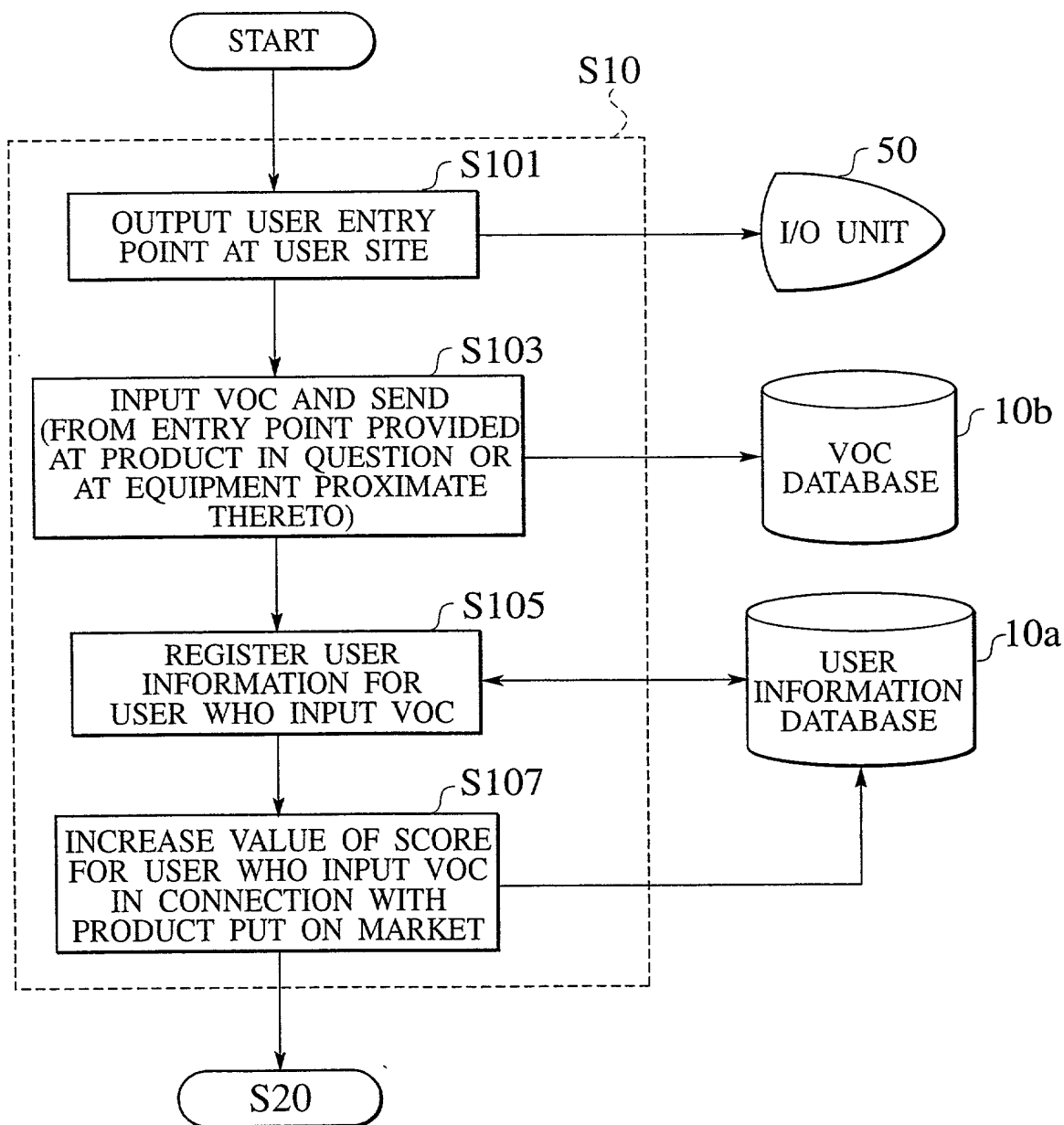


FIG.4

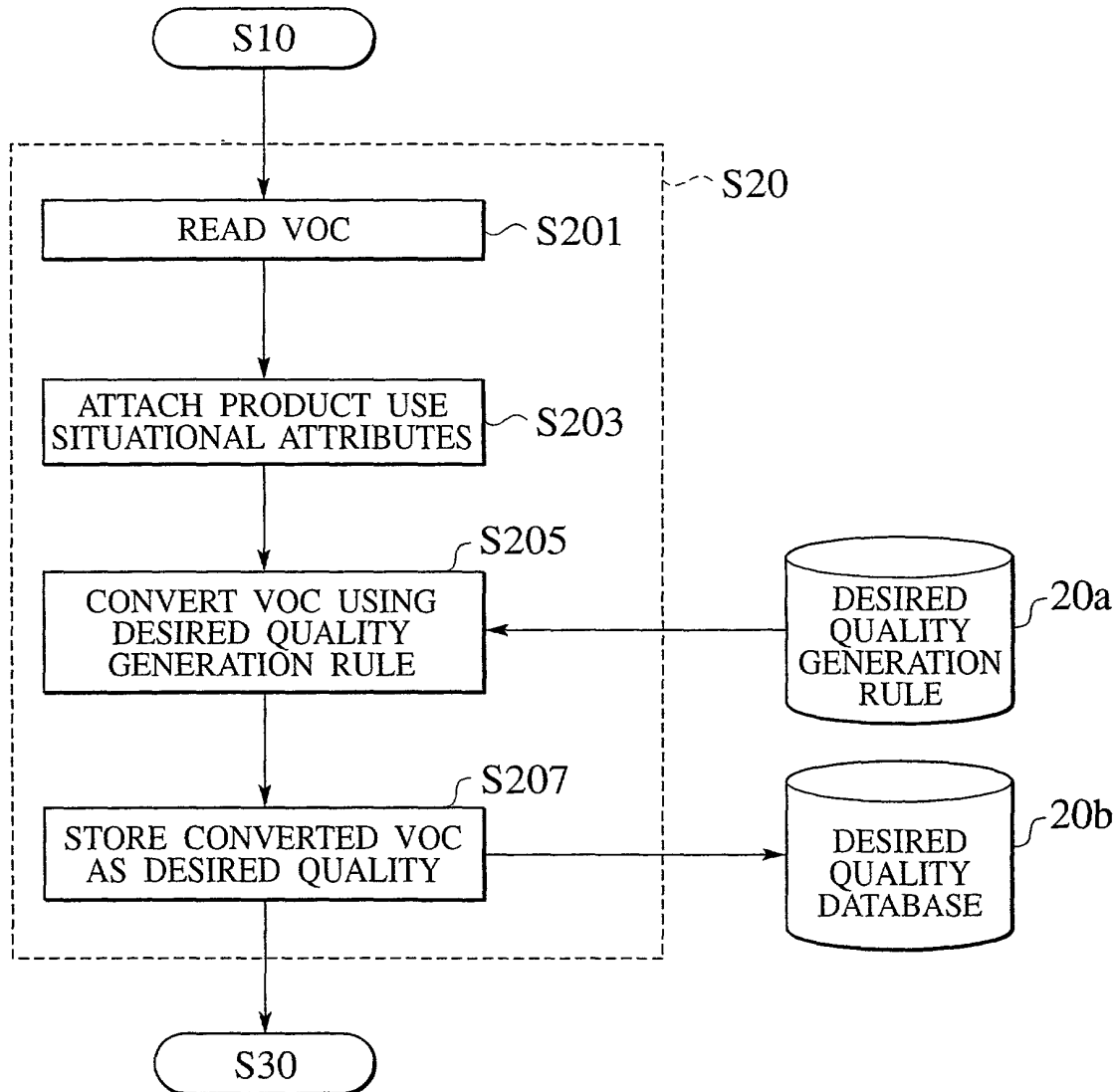


FIG.5

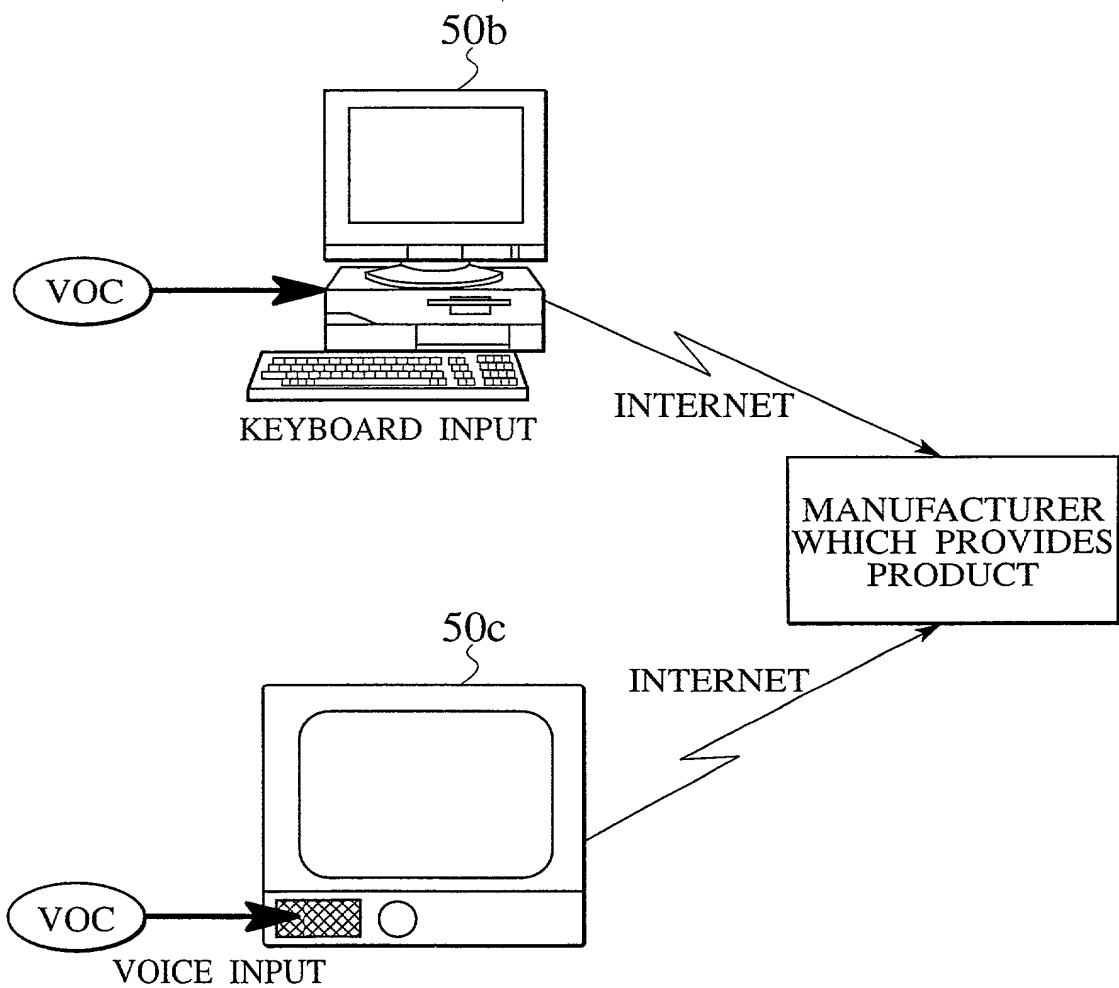
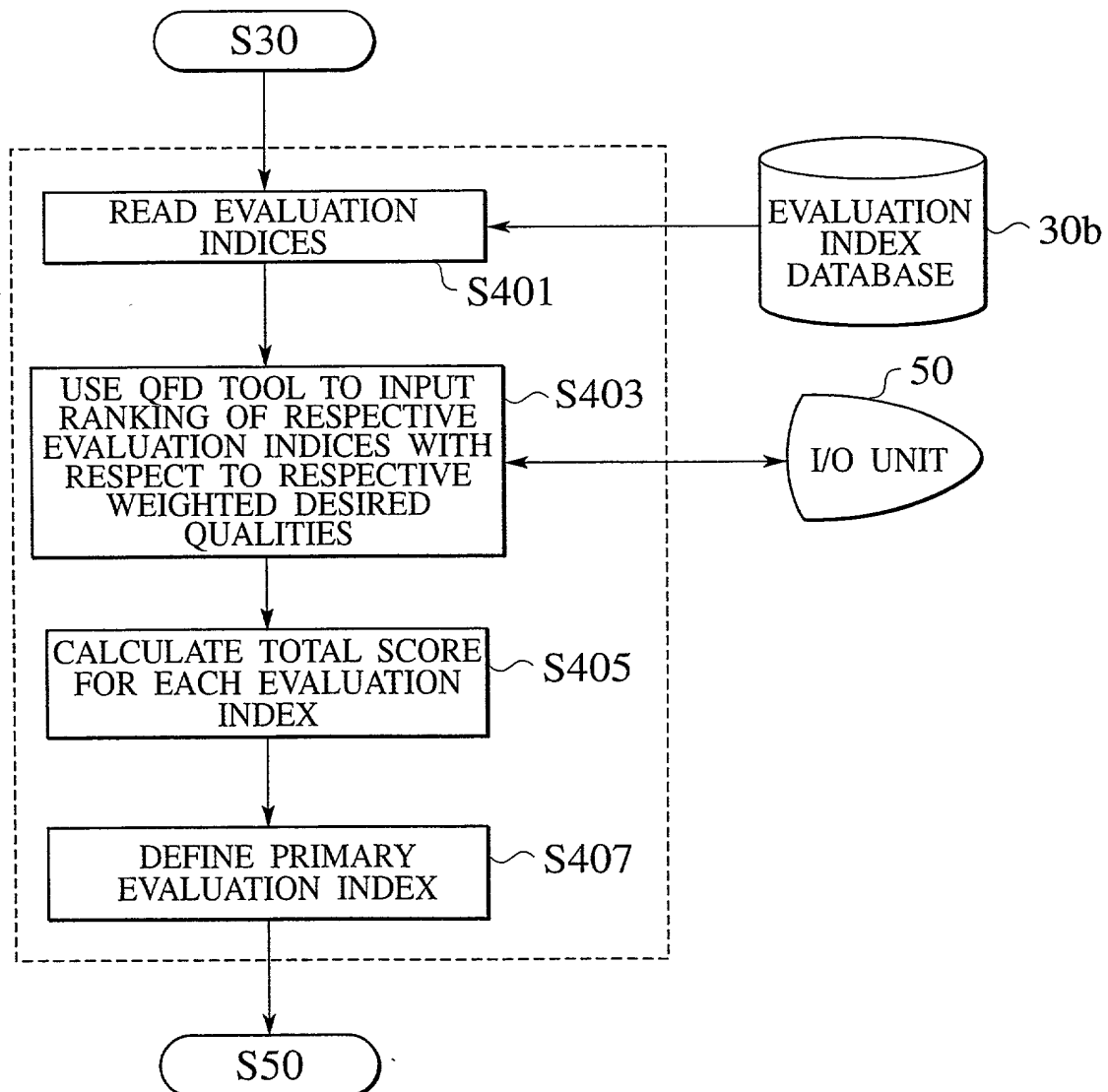


FIG.6



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FIG.7

DESIRED QUALITIES	WEIGHT	EVALUATION INDICES									
		Worse					Better				
		1	2	3	4	5					
SOFTWARE DEVELOPMENT IS EASY	4.55								X		
CAPABLE OF HIGH-SPEED DATA TRANSFER WITHIN SET	5.45								X		
CAPABLE OF HIGH-SPEED IMAGE PROCESSING	7.27									X	
CAPABLE OF HIGH-SPEED COMMUNICATION WITH SET EXTERIOR	3.64							X			
CAN BE USED WITH CONFIDENCE	10.00							X			
ALLOWS FOR EASY IMPROVEMENT OF FUNCTIONALITY IN FUTURE MODELS	8.18									X	
CONSUMES LITTLE ELECTRICAL POWER	1.00								X		
SCORE	74	90	38	27	71	107					
NORMALIZED SCORE	0.18	0.22	0.09	0.07	0.17	0.26					

FIG. 8

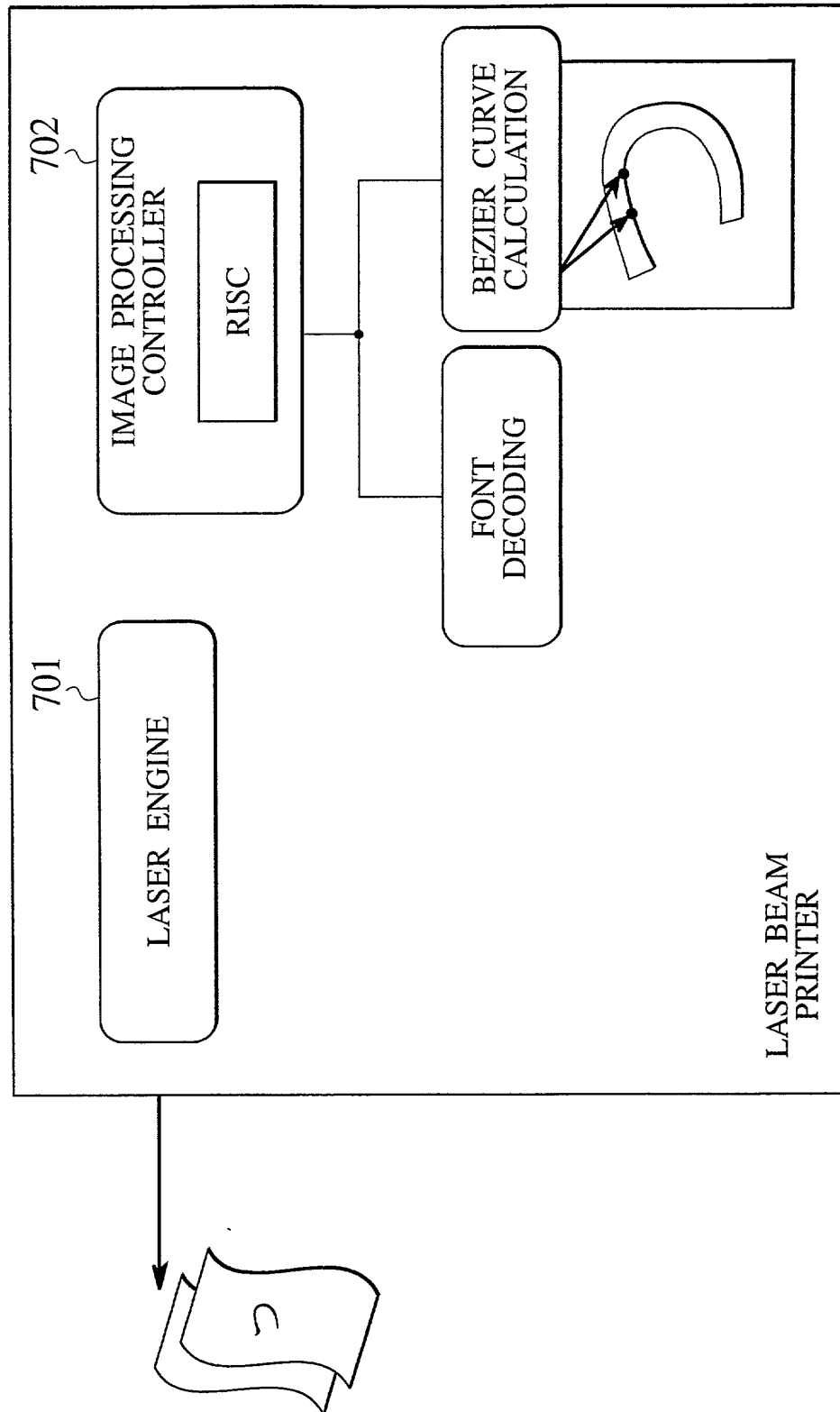


FIG.9

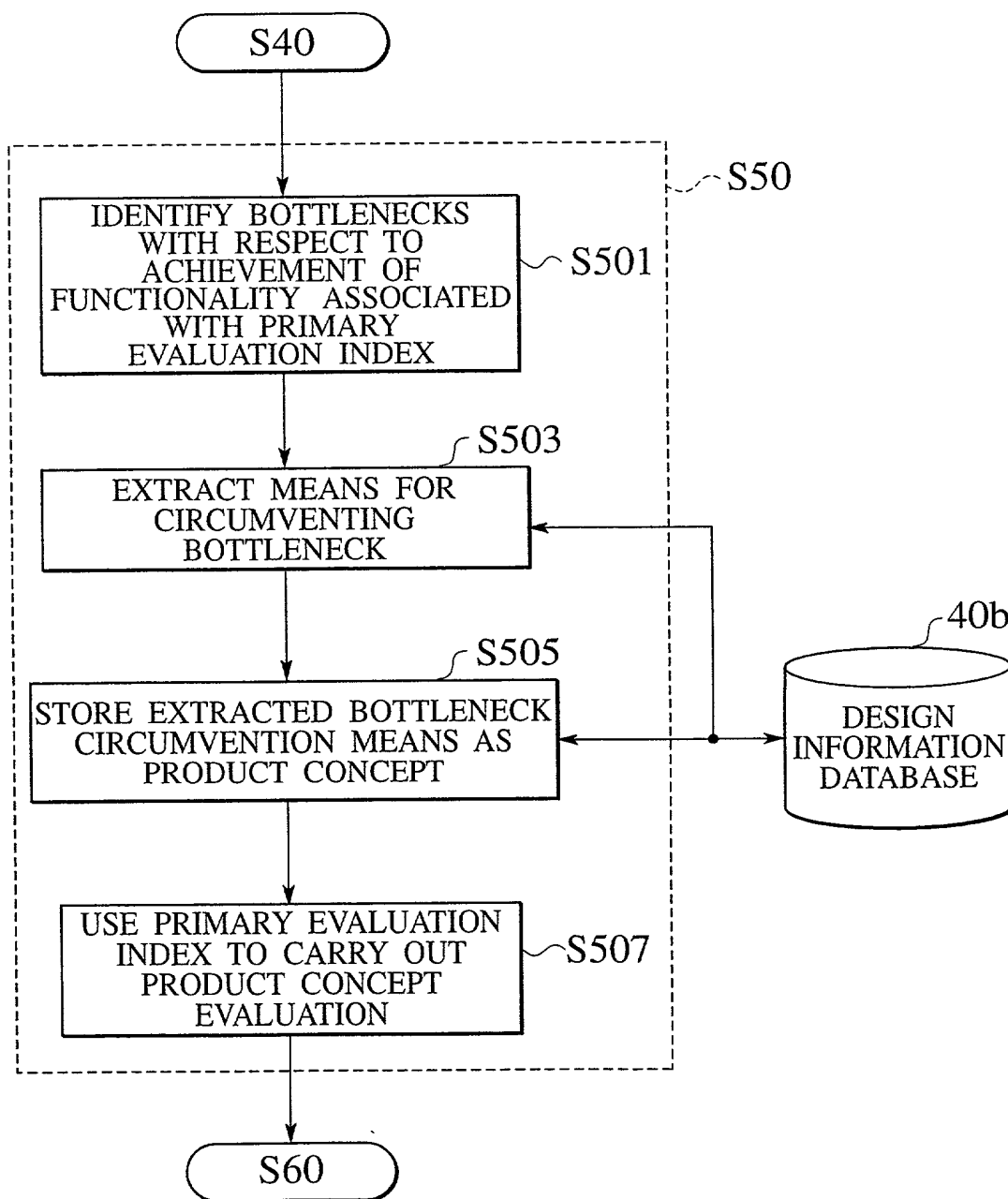


FIG.10A

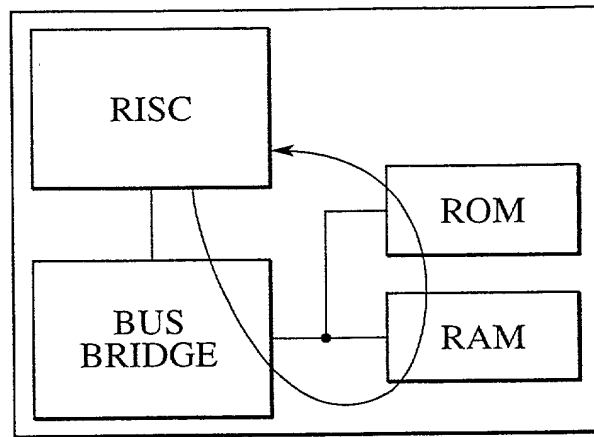


FIG.10B

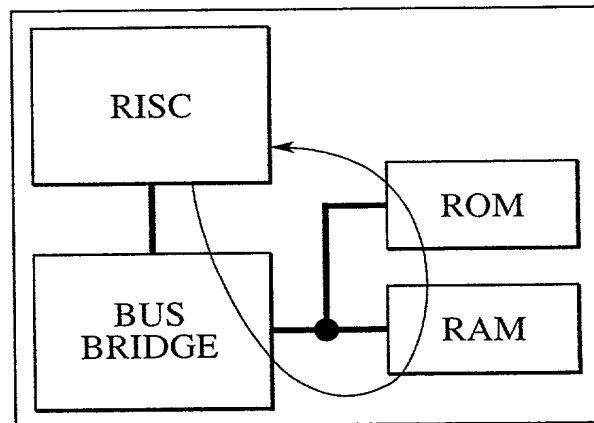


FIG.10C

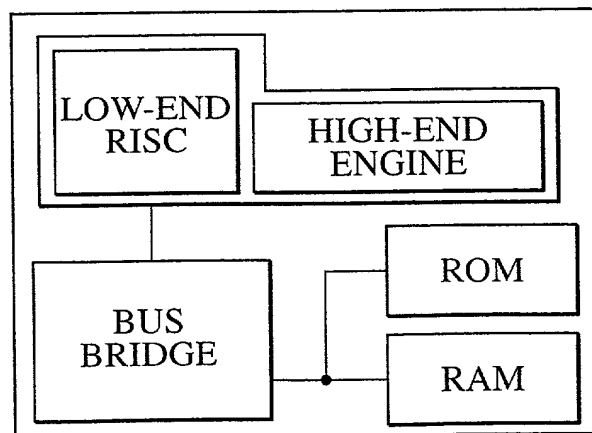
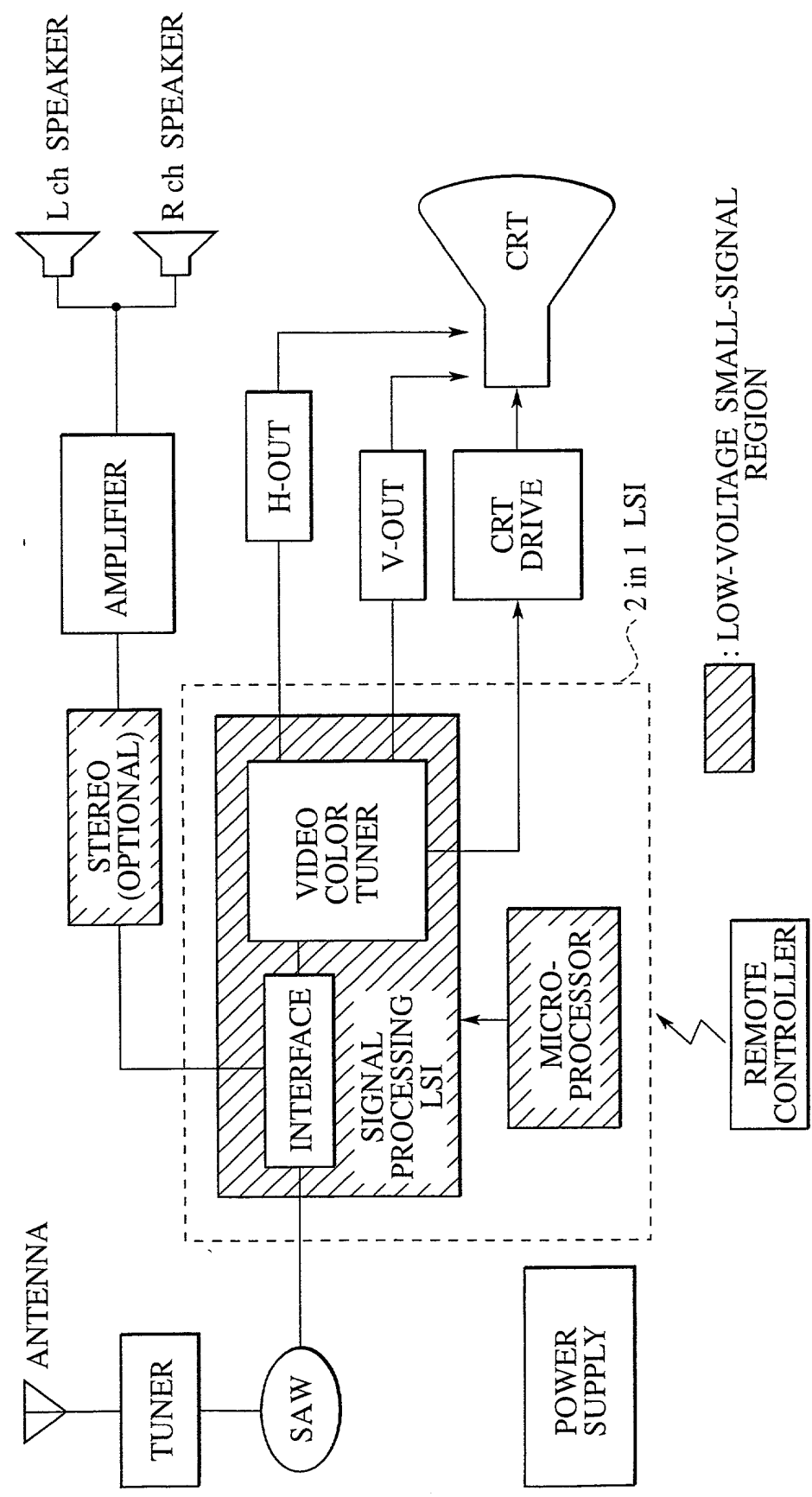


FIG. 11



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FIG.12

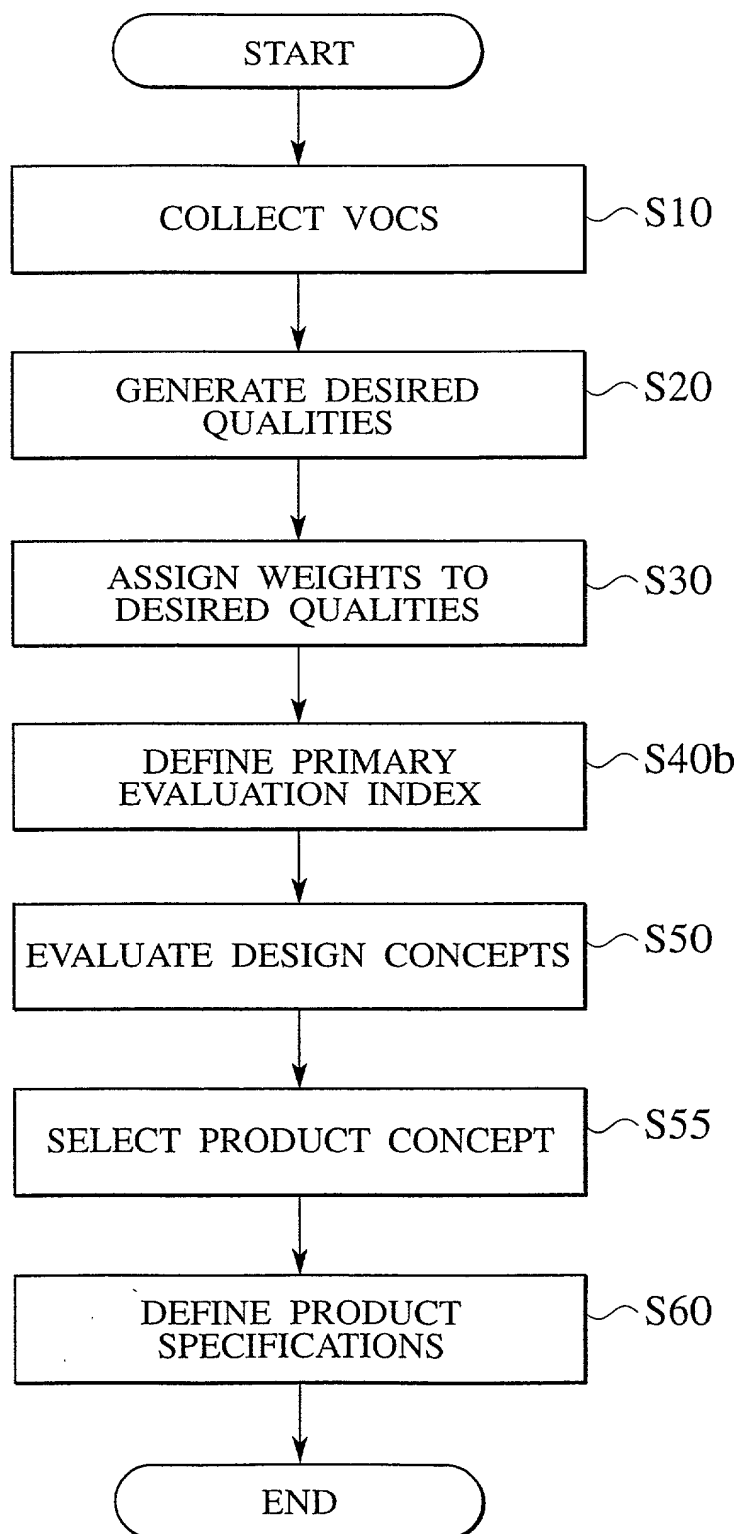
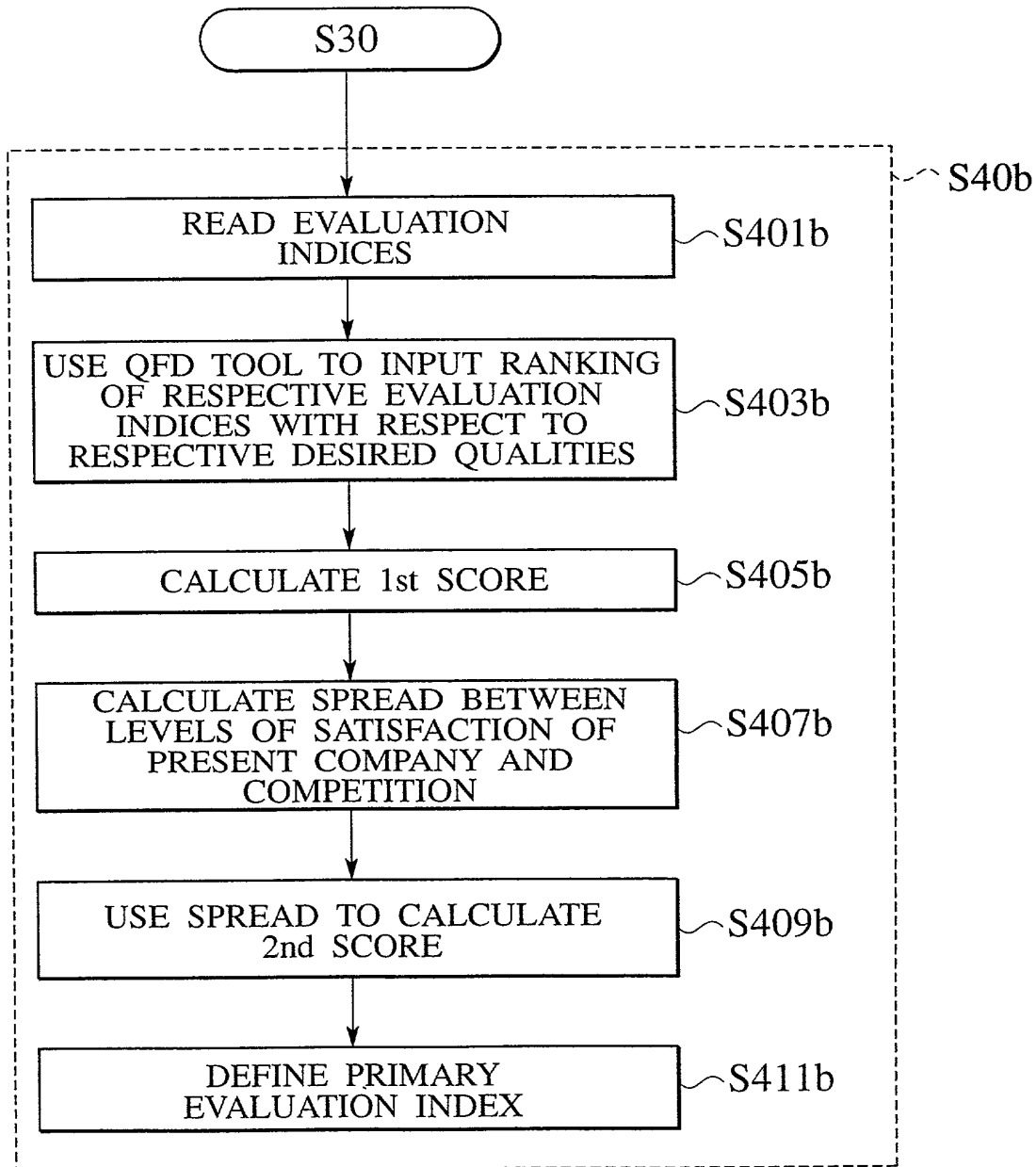


FIG.13



Evaluation indices

Weight of each index~

FIG.16

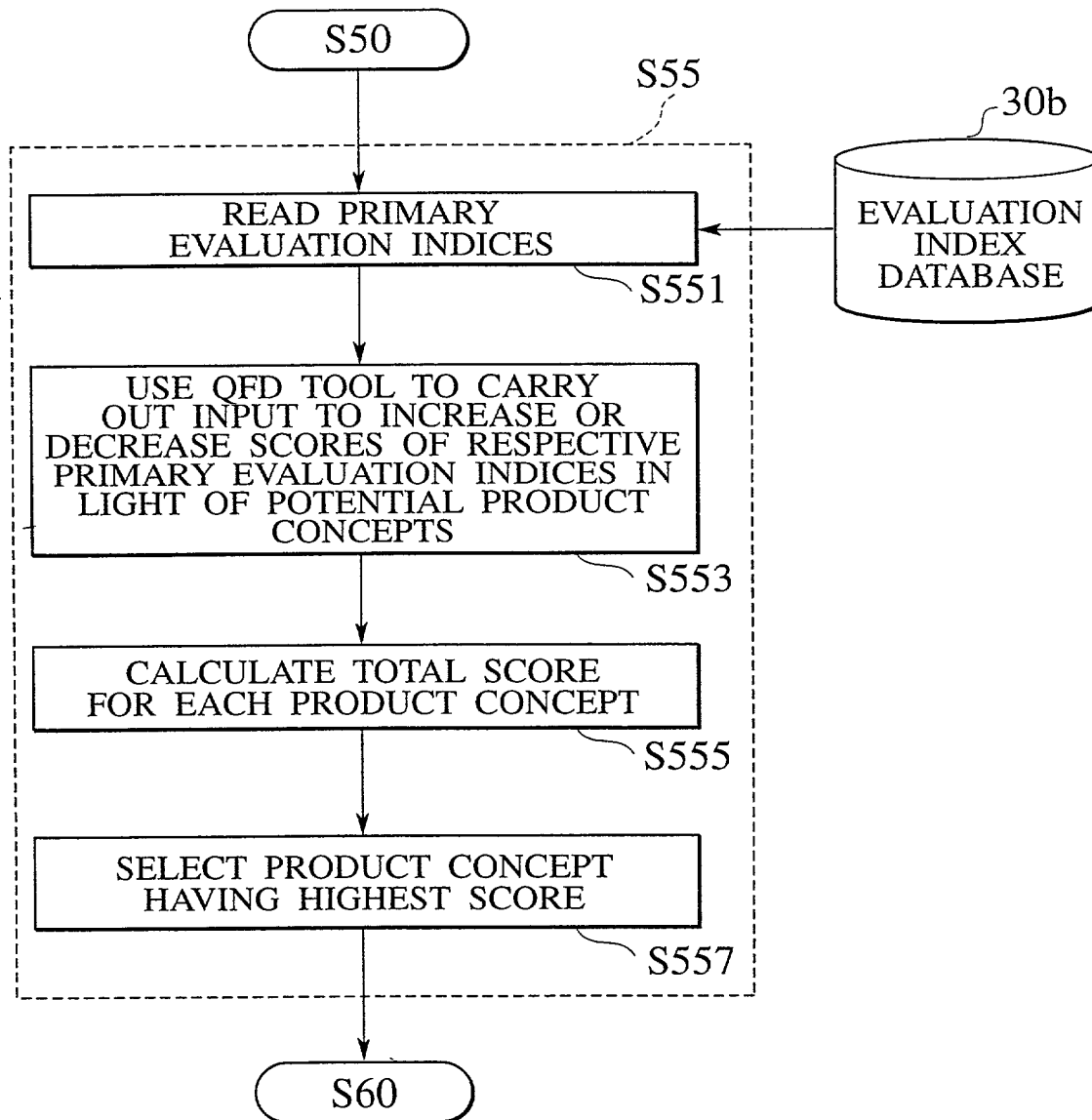


FIG.17

Primary evaluation indices		Technological alternatives		Subconcept selected			Base concept		
Direction representing improvement		Raw score							
↑		162.0		built-in Sound trap, 1 ext, crystal & built-in SECAM			4 ext, Sound trap, 1 ext, crystal & built-in SECAM		
↑		81.0		built-in Sound trap, 2 ext, crystal & built-in SECAM			built-in Sound trap, 2 ext, crystal & ext, SECAM		
↓		81.0		built-in Sound trap, 1 ext, crystal & ext, SECAM			4 ext, Sound trap, 1 ext, crystal & built-in SECAM		
↑		81.0					built-in Sound trap, 2 ext, crystal & ext, SECAM		
↓		36.0					4 ext, Sound trap, 1 ext, crystal & built-in SECAM		
↓		63.0					4 ext, Sound trap, 2 ext, crystal & built-in SECAM		
↓		189.0					4 ext, Sound trap, 2 ext, crystal 0, ext, SECAM of current 2 chlp		
↓		126.0							
↓		36.0							
↓		72.0							
↑		36.0							
↑		72.0							
↓		54.0							
↓		63.0							
Total of all score-increasing factors									
Total of all score-decreasing factors									
Total adjusted score for concept									

● (+2) Positive (+ +)
 ○ (+1) Positive
 □ (0) Equivalent
 ▽ (-1) Negative
 ▼ (-2) Negative (+ +)

FIG.18A

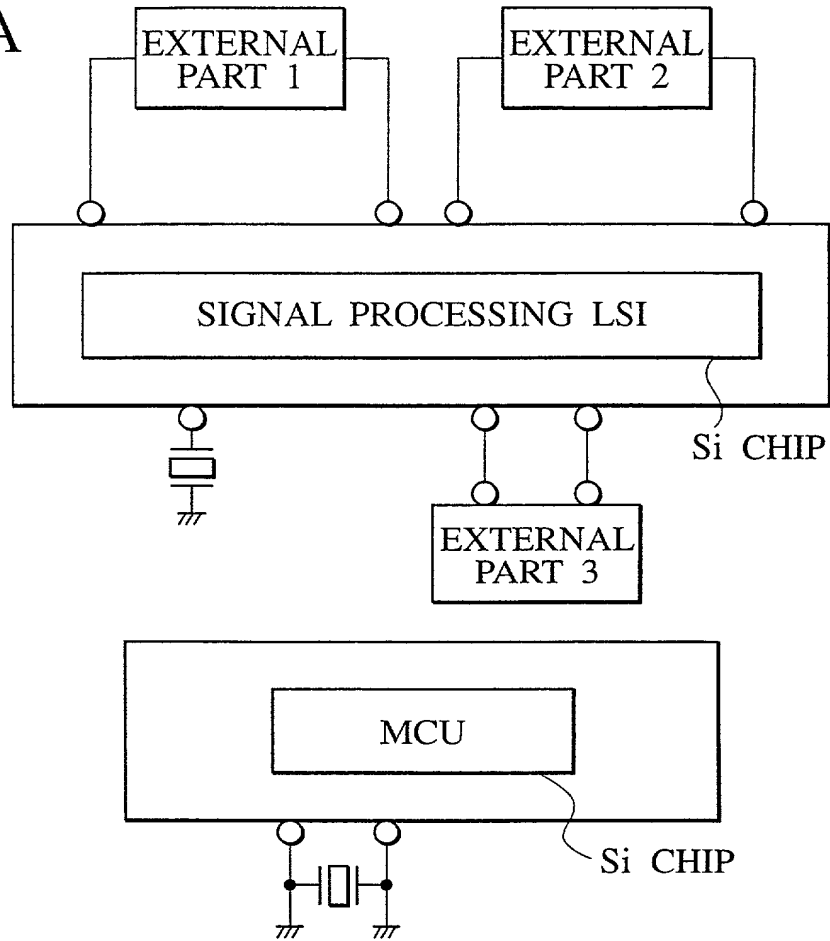
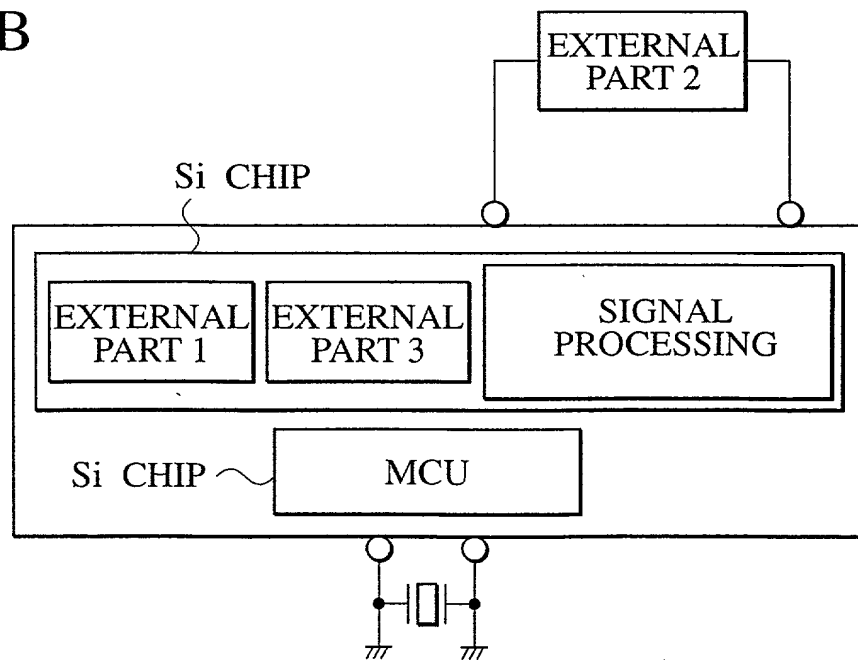


FIG.18B



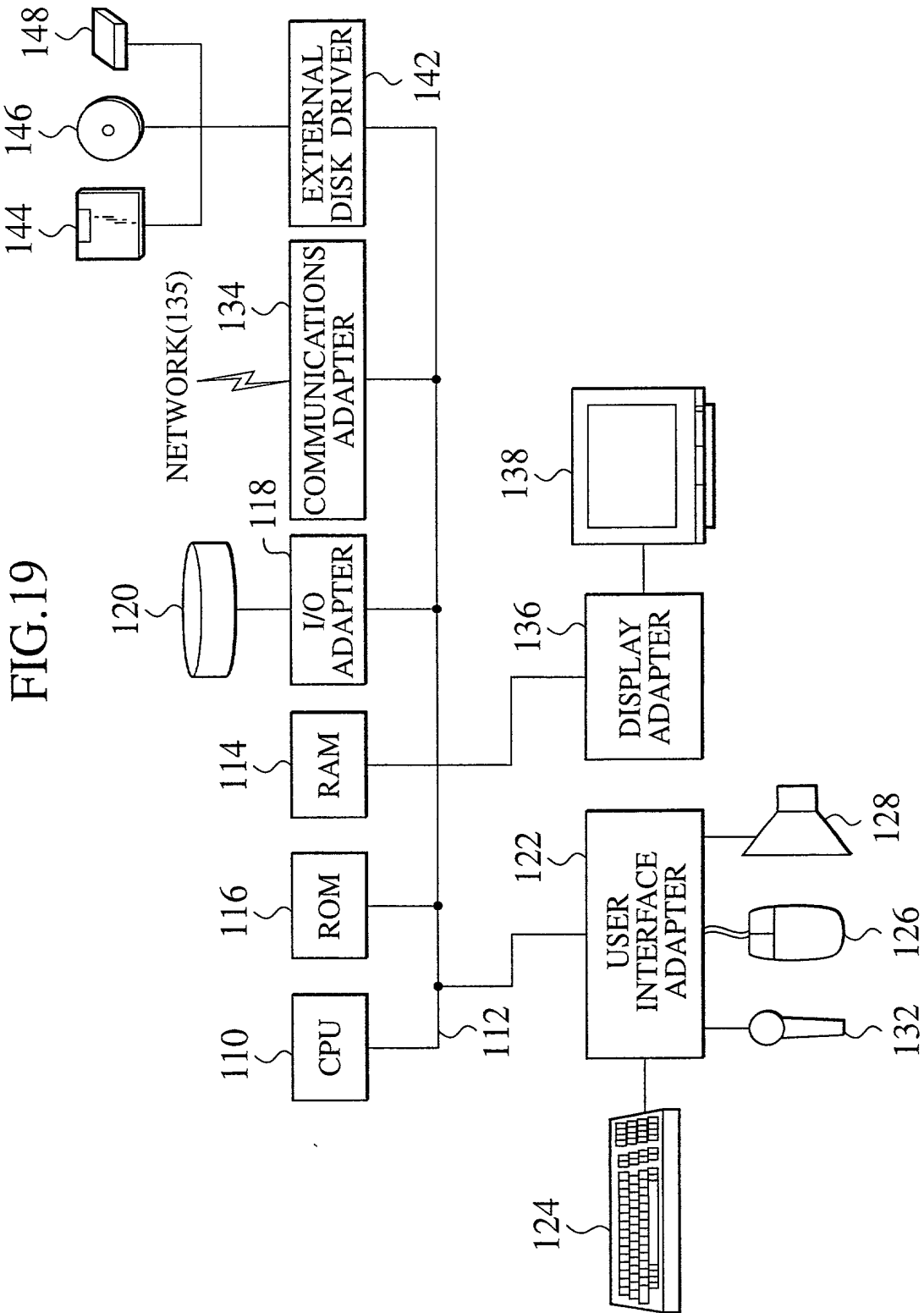


FIG.20

